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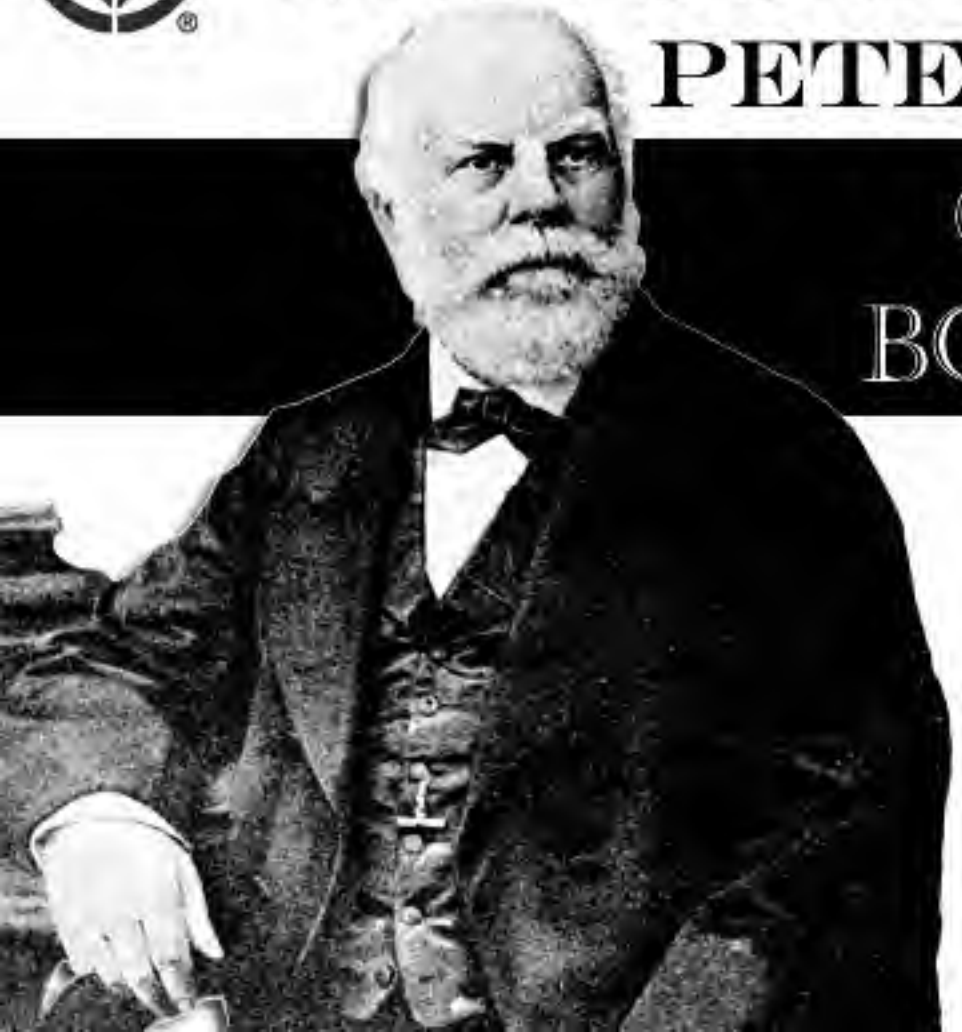
George Engelmann Botanical Notebooks



Pagination Note:
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OFFICE OF THE

Enno Sander Chemical Manufacturing Co.

No. 24 South Second Street,

Laboratory. 209, 211 & 213 Myrtle St. Warehouse, 218 Myrtle St.

J. L. Howard, President.

Funkers

St. Louis, Febry. 8th 1872.

Lieber Herr Doctor,

Heute sehe ich aus Ihrem Briefe an Smelting Co. Herr McArdle belagert sind, und derselbe in kurzer Zeit hier ankommen wird. Die Angelegenheit ist aber der Art, daß ich Ihnen nicht rathen kann, Howard's Interessen wahrzunehmen, selbstständig mit Ihm Aufbauen Sie Ihnen vorzüglich zu gehen. Ich weiß daß Mr McArdle mehrere Personen im Sinne hat, die keinen Heller für Howard arbeiten, sondern dieselben wird verdrängen wollen, wenn er nicht das Ihrige finden kann. Ich hoffe in solcher Weise Gelegenheit zu finden für Ihren Bruder zu arbeiten, und gleich darüber nachdenken zu dürfen, ob Ihnen Einfluß auf McArdle zu nehmen.

Achtungsvoll Ihr

Enno Sander.

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Murray says in Journ Hort Soc. III.
July 1865

At Landscape, Oregon Com. Rep. on "Balfour" is not
restated, Jeffrey's 393 but 409. — 393 is
the jagged-bracted, small cored "amabilis"
[our grandis]
but the large cored plant is very
peculiar. Its seeds have produced
trees with foliage like "A. amabilis
(Douglas' grandis)" Nitchkam,
no stomata on upper side.

Remark by G. E 1872: Is there
not confusion again? Figure
of cone and bract as well as
short curved leaves indicate it to
be magnifica, and not the long-
leaved, so called, Lasiocarpa or
more properly Lowiana form of grandis
(1875) Jeffrey 409 = Mt Edgley has short not curved leaves
and I take it to be grandis var
Jeffrey 393 = Mt Edgely is a long leaved
grandis (or var amabilis, Mt large cone, with elongated
bract really belongs here.
393 = Mt Edgley has long leaves
393 = Oregon Com Rep. has curved short leaves
and large cone.

no!

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Kew Sept 1869

1839 Lindley in Bot. Reg. Miscellaneous Notices [Appendix] 1839

p. 62 – Mexican pines sent by Hartweg – as follows:

p. 62 P. Hartwegii tetraphylla – leaves 6 inches or more long
cones oblong, 4" x 2" or more –

P. Devoniana cones 9–10 inches long – 3 inches diam near
base – 1½ at point – folia longissima

p. 63 P. Aurelianus cones 7–8" long 2" near the base, almost
acute – leaves very long

P. macrophylla leaves 14–15" long, cones 6–7" by 3"
near base, scales strongly hooked backward.
only one tree was found, of small size –

P. pseudostrobus foliis binis trinisve glaucescentibus leaves fine & glaucous, cones
4 inches long, 1½ inches in breadth over the middle

P. apulcensis fol. binis abbreviatis ramisque
glaucis, strobil. ovato acuto. leaves 6"
cones 4"

Bonth. Pl. Hartw. 1839 repeats the names only, p. 58

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1842 Kew Sept 11 1869 Loudon Arbor. abridged edit in 1 vol 1842 Compared Shaw's

P. Hartwegii according to Loudon is the hairsoaled plant — which Juan Montagne, fide Loudon p. 1000

in cultivation frequently — leaves in 4 usually 6" long

cone 4½ inch long scales woolly depressed in outer

P. Devoniana cone largest, 9–10 inches — Knobby, leaves

8–9 inches long

P. Russeliana is similar, leaves more slender 7½ inches long

cone 7 inch long, much more slender than the other last

P. Montezumae cone 9 in over Lindley's longer.

scales of long cone not very knobby, but more so

than Hartwegii appears intermediate between Hartwegii & Devoniana

P. macrophylla. cone ovate — elongate scales hooked

backward. „ differs from Russeliana in the longer leaves

and shorter, stouter cone, scales strongly hooked

backwards — Cone 6" long 3" at base — leaves 14–15 inches

P. pseudostrobus cone 4–5 inches leaves glaucous like strobus

leaves 8 or 9 inches long scales not much knobbed

P. filifolia has cone much longer than macrophylla

but similarly strongly knobbed leaves 12–18 inches

cone 7–8 inches long scales with thick blunt mucro

P. occarpa 7 cotyl. in figure. occarpa is not distinct

P. apulcensis a macrophylla cone! leaves 6–7 inches

cone 4½ inch long

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1853 Kew Sept 9 1869

Report of the Oregon Committee
was printed 1853 and distributed to Subscribers who in 1850 had
sent Mr John Jeffrey out to Oregon and California — never
exactly published — it contains the
1st page introduction and invitation to contribution for the
continuation of Jeffrey's collections, signed
"by order of the Committee, Ad. Murray Sec."

3rd page: names of plants of which specimens or seeds were
from Mr Jeffrey — boxes 5 and 6.

393. P. Picea Lasiocarpa cone 6 × 2 inches cedarlike [see ~~back page~~ note on other], c. tab.
398 P. flexilis, Shasta, 8-9000'; 40' high at high elev. only 3 feet
with tabular top. c. fig. — leaves 2.3.4 & 5
430 Abies Pattoniana Jeffrey — leaves ½ - ¾ inch long, curved, cones
crowded on the branches elliptical, oblong, tapering slightly
on both ends 2 - 2½" long — Cascade Mts 6000' c. tab.

618 Pinus Balfouriana Oreg. Con. leaves in clusters 2. 3. 4 and 5
1 inch long, ~~clustered~~ curved, glaucous below. Cones
dark brown 4½ - 5" long, narrowing gradually to the summit
scales 1½ - 1¾" long ½" broad. Apophyses flattened 4-sided
umbo dark brown, transversely elliptical. Seed with a mottled
spermoderm, wings ⅞" long with wing about 1" long — tree
80' high 3' diameter. Mountains between Shasta & Scotts. Valley
N. Calif. — 5 - 6000 feet. c. tab.

4th page
705 P. tuberculata lat 41 elev. 5000' c. tab.
P. muticola Trinity Mts North Calif. 7000' elev.
730 Juniperus decalbata Dougl. fide Lindley Shasta Butte
above snow line. 2 feet high.

731 Pinus Jeffreyi, Oreg. Con leaves 8 - 9" in 3d
sheath 1¼ inch cones oval, 8" long 11" in circumference
scales 1½' long with hooked umbo — Seeds 4/10" long
wing 1 inch long or rather more, beautifully marked with

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dark shine — tree 150' high 4' diam Shasta Valley
[Tree as figured by Murray later, has drooping scattered branches, with bunches of leaves at the end.]

740. Pinus Murrayana Oreg. Com — leaves 2, 2½" long c. tab. sheaths 2/10"
cones pendulous 2 – 2½" long scales 1" long 4/10" broad, elevated
umbo ending in a short spine, the point of which is directed to
the base of the cone. Seeds winged 3/10"
40' high — Siskyou Mt. Lat. 43.30 7500' elev. c. tab.

743 Juniperus occidentalis Hook

750 Thuja Craigana Oreg. Com. [is L. broadly drooping] c. tab.

753 Pinus not yet received.

F[1] Picea nobilis Shasta Mt.
G[2] Pinus mitis Nesqually [Puget Sound] [contorta]
H. P. ponderosa Rose River Valley
I P. Lambertiana Klamet

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Hooker's Journal of Botany V. London 1853

p. 315 Botanical Expedition to Oregon.

— — we appeal against the mode adopted of making public (if indeed a printed communication without date or publisher be called so) the names of the new or supposed new plants discovered by Mr Jeffrey — namely, the registering provisionally names with "Oregon Committee" as authority

— — Can the Oregon Committee for a moment suppose that a name thus thrust into the records of science will be respected, even if it should be registered in botanical works? — — — etc — — —

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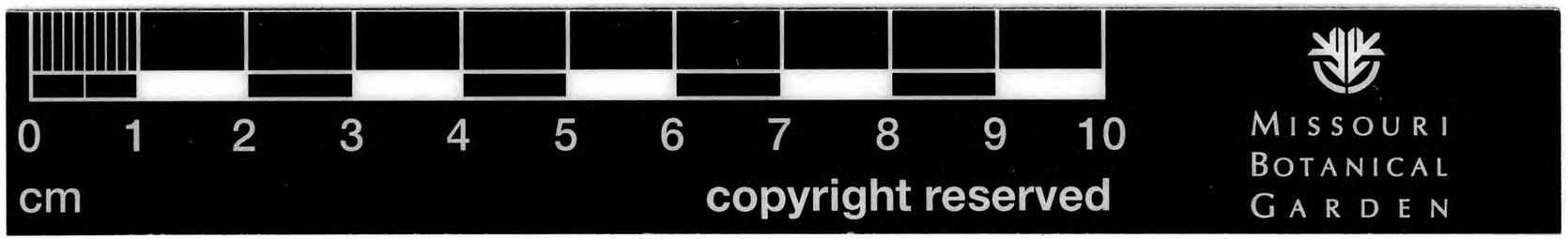
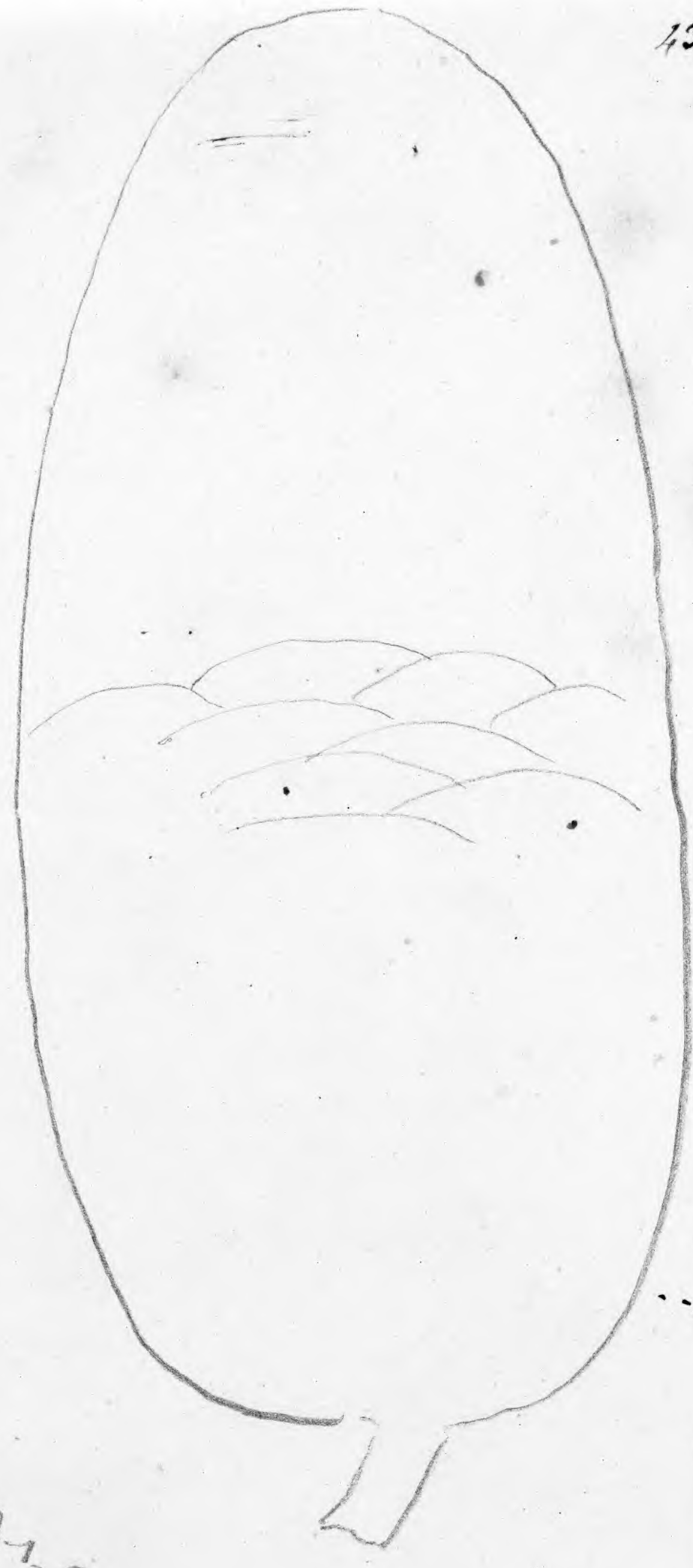
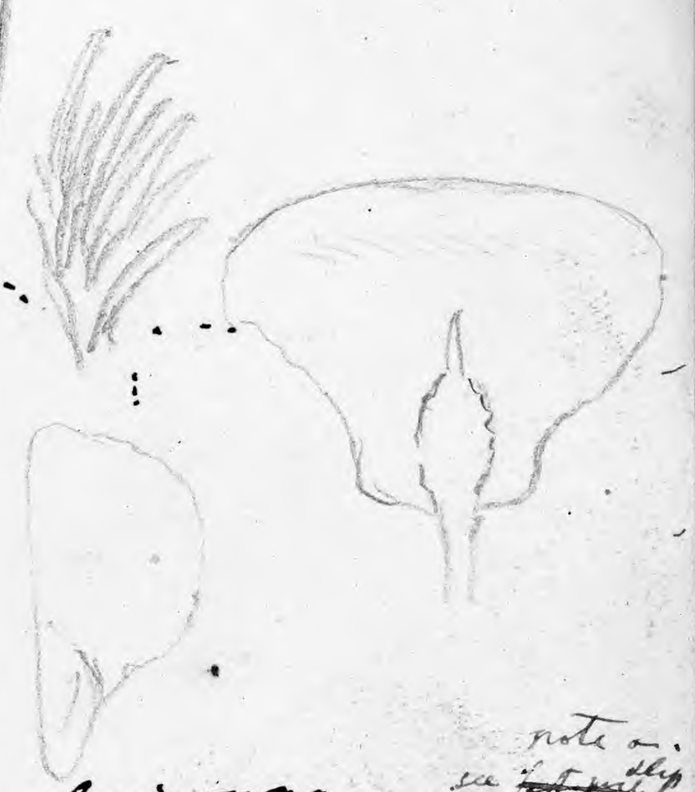


618. Pinus Balfouriana

430 Abies Pattoniana





note on
see ~~[illegible]~~ slip

393 Pinus lasiocarpa

"Abies campylocarpa Murray Edinb Bot Soc VI. (1860) p. 370

the remaining figure is

750 Thuja Craigana

= Libocedrus decurrens

of Sth only

fr. & seed

is copied.

740 P. Murrayana

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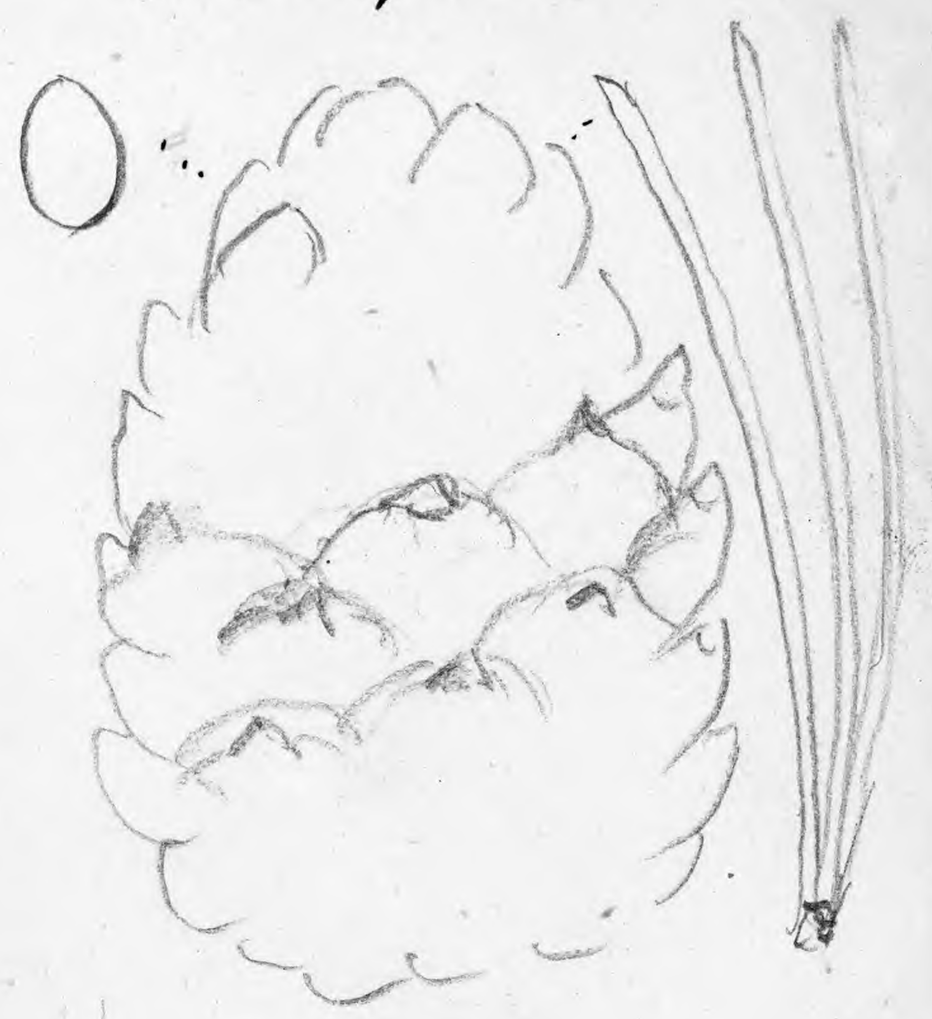
398 Pinus flexilis



731 Pinus Jeffreyi

705 Pinus Tuberculata

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1858 – ~~1862~~

George Gordon, Pinetum, London 1858

p. 202 Pinus Ponderosa Gordon Sierra Nevada – 1 cones bright glossy yellow free from resin – resembling P. pinaster, 6 inches long 2 in diam. scales slightly elevated, cross-ridged, with a short straight sharp point. Tree resembles Benthamiana – [Is it my Jepson plant from Orleans? a form of P. ponderosa

p. 217 P. Balfouriana, Jeffrey – – "leaves quite entire" paired, cones 4–5 inches long – 80 feet high, 3 feet in diam.

P. ~~Montezumae~~ Lindleyana, London name only – Catal. Conif. Journ. Hort Soc. V. 215 (1850)

Gordon 1858 gives first descript.? p. 229 and gives type. P. Montezumae Lindleyi London

leaves 9" P. ~~Lindl~~ Lindl.

cones 6–7" × 2" nine base, scales nearly flat.

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Secon. Cact examinandae

Cactus Ackermanni Haw Bot Reg. 16. 1331
hexagonus Lin Andr. Rep. 8. 813
phyllanthoides Dt. Bot Mag. 46. 2092
phyllanthus L — — 53. 2692

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Oregon Committee Report

the Com. by to and a list of the names of the plants of which seeds were lately distributed, as named by Hooker, Lindley and Balfour, also figures and descriptions by Greville and Balfour.

The Com. have named the new ones after Lord Murray, Gibson-Craig Hooker, Lindley, Balfour and Jeffrey, the collector

Oregon Seeds & Plants
Rec'd Sept. 1850
Laughton
Dec. 30

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1846? Journal Hortic. Society. II p. 189

Hortnegis Journal

p. 189

Another kind of Pine [he has been talking of P. Banthamiana – also Sta Cruz] that I found within a few hundred yards of the foregoing species is, probably, the doubtful and little known P. California. The trees seem to be of slow growth and do not attain any great height, seldom more than 25 feet by 8 inches in diameter. The leaves are in threes, 4½ inches long. Cones 5 to 5½ inches long by 2 broad; the outer surface curved, the inner straight; scales on the outer surface more developed, enclosing 2 small, flat, winged seeds. The cones are only produced on the main stem; when ripe of a light brown color, & stand off nearly at a right angle; when old of a silvery grey, pressing firmly upon the stem, and remain on the tree for a series of years without

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opening or shedding their seed".

That is all about it

Dear Sir, Here is a letter from Jas. Hart, Sec. 2. Lt. 1875 – 3 Frank & Cabin ex Hart. If Mr Colby Northern Pac. Jas. Hart & Mrs. P.

Sam

Yours truly

Sam Barton

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